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Amendments to the Specification

At page 1, lines 1-2, please amend the title as follows:

~~METHODS FOR DIAGNOSING AND TREATING IDENTIFYING MODULATORS OF INOSITOL REQUIRING 1 (IRE1) FOR MODULATING ENDOPLASMIC RETICULUM (ER) STRESS DISEASES~~

Please amend the Abstract at page 57 as follows:

The present invention provides methods and reagents to quantify endoplasmic reticulum stress (ER stress) levels, and to identify modulators of Inositol Requiring 1 (IRE1), that may be useful methods and compounds for treating ER stress disorders such as diabetes. Methods for quantifying ER stress in mammalian cells are exemplified.